### INTERNATIONAL SEARCH REPORT

International Application No T/FI2004/000427

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04Q7/22 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H04Q} & \mbox{H04L} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	EP 1 076 463 A (LUCENT TECHNOLOGIES INC) 14 February 2001 (2001-02-14) paragraphs '0010!, '0011!	1–17
X	WO 98/59513 A (NOKIA MOBILE PHONES LTD; LINTULAMPI RAINO (FI)) 30 December 1998 (1998-12-30) page 6, lines 3-18	1–17
X	WO 98/53626 A (ERICSSON TELEFON AB L M) 26 November 1998 (1998-11-26) page 6, line 18 - page 9, line 24	1–17
A	WO 00/07401 A (JEPSEN RENE ; AFTELAK ANDREW (GB); MOTOROLA LTD (GB); ROBINSON WILLIAM) 10 February 2000 (2000-02-10) page 9, line 4 - page 10, line 17 page 12, lines 1-15	1–17
	-/	

Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.		
Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of the actual completion of the international search	Date of mailing of the international search report		
11 October 2004	18/10/2004		
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer Weinmiller, J		

Form PCT/ISA/210 (second sheet) (January 2004)

TOS AVOLCOS COST

# INTERNATIONAL SEARCH REPORT

T/FI2004/000427

	TCT/F12004/000427					
C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
ategory °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.				
A	US 5 267 244 A (MESSERSCHMITT DAVID G ET AL) 30 November 1993 (1993-11-30) column 2, lines 8-40	1-17				
	,					

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

## INTERNATIONAL SEARCH REPORT

Information on patent family members

T/FI2004/000427

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1076463 A	14-02-2001	CA 2315318 A1 EP 1076463 A2 JP 2001103072 A	
WO 9859513 A	30-12-1998	FI 972722 A AU 7656498 A EP 0992170 A: WO 9859513 A: JP 2002505055 T US 6377804 B:	30-12-1998 12-02-2002
WO 9853626 A	26-11-1998	SE 509417 C: AU 7560898 A CA 2290820 A: CN 1257632 T EP 0983699 A JP 2001526862 T SE 9701933 A WO 9853626 A TR 9902690 T US 6353740 B	11-12-1998 1 26-11-1998 21-06-2000 1 08-03-2000 18-12-2001 24-11-1998 1 26-11-1998 2 21-04-2000
WO 0007401	A 10-02-2000	AU 5288099 A WO 0007401 A EP 1101383 A JP 2002521990 T	1 10-02-2000
US 5267244	30-11-1993	JP 7509590 T	19-10-1995 12 11-03-2002 28-06-2002 28-06-2002 28-06-2002